

Multiple relay module - EMUG 22- 4REL/KSR-G 24/ 1AU - 2942399

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Relay module, multi-channel, with 4 soldered-in miniature switching relays for DC voltage with light indicator and 1 N/O contact each, contact for small to large loads, input voltage 24 V DC

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
GTIN	 4 017918 080716
GTIN	4017918080716
Weight per Piece (excluding packing)	88.540 g
Custom tariff number	85364190
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
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Coil side

Nominal input voltage U_N	24 V DC
Typical input current at U_N	12 mA
Typical response time	7 ms
Typical release time	8 ms
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode, bridge rectifier at AC input
Operating voltage display	yes

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Technical data

Coil side

Power dissipation for nominal condition	0.29 W
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Contact side

Contact type	Single contact, 1 N/O contact
Type of switch contact	Single contact
Contact material	Fine grained silver (AgNi 0,15), 5 µm hard gold-plated
Maximum switching voltage	60 V AC/DC
Maximum inrush current	0.2 A
Limiting continuous current	2 A
Interrupting rating (ohmic load) max.	5 W (at 24 V DC)
	10 W (at 48 V DC)
	12 W (at 60 V DC)
	12 VA (for 60 V AC)

General

Test voltage	2.5 kV AC (50 Hz, 1 min., winding/contact)
Operating mode	100% operating factor
Mechanical service life	approx. 2×10^7 cycles
Mounting position	any
Assembly instructions	in rows with zero spacing

Standards and Regulations

Standards/regulations	IEC 60664
	IEC 60664A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	IEC 60255/DIN VDE 0435 (in relevant parts)
Pollution degree	2
Overvoltage category	III

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27371601
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Classifications

eCl@ss

eCl@ss 11.0	27371601
eCl@ss 4.0	27371100
eCl@ss 4.1	27371100
eCl@ss 5.0	27371600
eCl@ss 5.1	27371600
eCl@ss 6.0	27371600
eCl@ss 7.0	27371601
eCl@ss 9.0	27371601

ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 6.0	EC001437
ETIM 7.0	EC001437

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121543
UNSPSC 11	39121543
UNSPSC 12.01	39121543
UNSPSC 13.2	39122334
UNSPSC 18.0	39122334
UNSPSC 19.0	39122334
UNSPSC 20.0	39122334
UNSPSC 21.0	39122334

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

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Approvals

EAC		TR_TS_D_00573_c
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EAC		RU*C- DE.*08.B.00010
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Accessories

Accessories

Component housing cover

Marking material - EMG-GKS 12 - 2947035



Device marking label, width: 12 mm, area: 12 x 8 mm, e.g. for EML(10x7) R adhesive marking material

Connector set

Connector set - MSTB-SET/EMUG 22- 4REL - 1780235

COMBICON connection plug set, with plug-in direction parallel to conductor axis

Connector set - MSTBP-SET/EMUG 22- 4REL - 1780264

COMBICON connection plug set, with plug-in direction parallel to conductor axis, with an additional test connection for a 2.0 or 2.3 mm ø test plug

Connector set - MVSTBR-SET/EMUG 22- 4REL - 1780293

COMBICON connection plug set, with plug-in direction vertical to conductor axis

Connector set - FRONT-MSTB-SET/EMUG 22- 4REL - 1780329

COMBICON connection plug set, with front screw connection and plug-in direction parallel to conductor axis

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Accessories

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